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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/750,572	
	Filing Date	December 31, 2003	
	First Named Inventor	KESHAVARZI, Ali	
	Group Art Unit	2818	
	Examiner Name	Not yet assigned	
Total Number of Pages in This Submission	15	Attorney Docket Number	P18062

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input checked="" type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copy of Notice to File Missing Parts, Credit Card Authorization Form for \$1,126.00, Designation of Practitioners, and Acknowledgement Postcard.
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Nandu A. Talwalkar
Signature	
Date	September 29, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop MISSING PARTS, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on this date:			
			September 29, 2004
Type or printed name	Edith Martin		
Signature		Date	September 29, 2004

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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: KESHAVARZI et al.

Application Serial No.: 10/750,572

Filing Date: 12/31/2003

For: ASYMMETRIC MEMORY CELL

)
)
) Examiner: Not yet assigned

)
) Group Art Unit: Not yet assigned

)
) Docket No.: I06.228

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 29, 2004.

Dated: September 29, 2004

By:

Edith Martin
Edith Martin

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING PARTS
(Large Entity)**

Sir:

This is in response to a Notice to File Missing Parts of Application under 37 CFR 1.53(b). Enclosed are the following documents and fees to complete the filing requirements of the above-identified application:

1. Copy of Notice of Missing Parts.
2. Executed Declaration and Power of Attorney. The above-identified application is the same application, which the inventors executed by signing the enclosed Declaration.
3. Designation of Practitioners.

4. Credit Card Payment Form for Fees as set forth below.
5. Acknowledgement Postcard.

FEE CALCULATION

For	No. Filed	No. Allowed	No. Extra	Rate	Fee
Total Claims	23	- 20	3	\$ 18.00	\$54.00
Indep. Claims	5	- 3	2	\$ 86.00	\$172.00
Multiple Dependent Claims (If applicable, please add \$ 290.00)					\$ 0.00
Basic Filing Fee					\$770.00
Missing Parts Surcharge					\$130.00
No Petition for Extension of Time is Required					\$ 0.00
TOTAL FILING FEES					\$1,126.00

Credit Card Authorization for **\$1,126.00** is enclosed.


The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-1852 as described below. A duplicate copy of this sheet is enclosed.

- ☒ Credit any overpayment.
- ☒ Charge any additional fees required under 37 CFR 1.16 and 1.17.

Respectfully submitted,

September 29, 2004

Date



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IFW



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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 Alexandria, Virginia 22313-1450
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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/750,572	12/31/2003	Ali Keshavarzi	P18062

Buckley, Maschoff & Talwalkar LLC
 Five Elm Street
 New Canaan, CT 06840

CONFIRMATION NO. 5687

FORMALITIES LETTER



OC000000013481151

Date Mailed: 08/10/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

10/04/2004 HLE333 00000087 501852 10750572

FILED UNDER 37 CFR 1.53(b)

01 FC:1051	130.00 OP
02 FC:1001	790.00 OP
03 FC:1201	176.00 OP
04 FC:1202	24.00 DA 30.00 OP

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$226 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

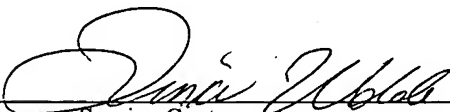
Total additional fee(s) required for this application is \$1126 for a Large Entity

- \$770 Statutory basic filing fee.
- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$226

- \$172 for 2 independent claims over 3.
- \$54 for 3 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
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A copy of this notice MUST be returned with the reply.



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PART 2 - COPY TO BE RETURNED WITH RESPONSE